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July 30, 2021

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Subject: CSO Consent Decree Civil Action No. 20-cv-762-SM
Compliance Report January 1, 2021 to June 30, 2021

Ladies and Gentlemen:

In accordance with the City of Manchester's CSO Consent Decree Civil Action No. 20-cv-762-SM, Section VII, Item No. 24, please find below for your review and approval the City of Manchester's compliance report for the time period January 1, 2021 to June 30, 2021.

Summary

The City is in compliance with all requirements of the consent decree. Activities are ongoing with seven of the 19 work items included in the Gantt Chart. The City is ahead of schedule with four of the

seven ongoing activities. No activities are behind schedule. The City continues to partner with NHDES on all major consent decree projects. Below is our report on all ongoing consent decree activities.

Gantt Chart Item No. 1 – WWTP Improvements

The City executed a construction contract with PC Construction on January 4, 2021 for the \$20 million WWTP Solids Train Upgrade Project. Representatives from NHDES have been attending all monthly progress meetings. Building modifications are ongoing in preparation for equipment arrival this fall. Final completion is scheduled for May 25, 2023, about four months ahead of the Gantt Chart schedule.

Gantt Chart Item 2 – Program Assessment and Reporting

This activity has commenced with the submission of this compliance report. These reports will continue twice annually until the completion date of the consent decree.

Gantt Chart Item 3 – System Optimization and Real Time Control Study

The City contracted with Brown & Caldwell to perform this study on February 10, 2021. Monthly progress meetings have been ongoing. A short list of feasible alternatives has been developed. The study is expected to be completed this fall in accordance with the Gantt Chart schedule.

Gantt Chart Item 4 - Evaluation of Closure of Inactive CSO Outfall

The City contracted with CDM Smith to perform this study on February 10, 2020. The study was completed and submitted to EPA on March 25, 2021. EPA approved the study and its recommendations on July 15, 2021 more than two months ahead of the Gantt Chart schedule. The only CSO to be closed will be done at the conclusion of the Christian Brook construction activities.

Gantt Chart Item 5 – Cemetery Brook Drain Basis of Design Report

The City contracted with CDM Smith to perform this report on December 30, 2019. Representatives from NHDES have been attending all monthly progress meetings. The Draft Feasibility Study was submitted to the City in June and recommended “tunneling” construction as opposed to the “open-cut” construction that was presented in the City’s CSO Long-term Control Plan. The City is in agreement with this tunneling recommendation as it is the most cost-effective, reduces the overall schedule, greatly reduces utility conflicts, and minimizes negative impacts to residents of Manchester. CDM Smith is finalizing the Basis of Design Report based on a 2-mile long 12-foot interior diameter tunnel that will be 30 to 80 feet deep. Tunneling will impact the Gantt Chart Items 6, 7, 8, and 9 because it will now be bid as a single contract instead of the four contracts presented in the schedule. The tunneling construction method is estimated to reduce the total duration of items 6, 7, 8, and 9 from 13 years to fewer than 7 years. All impacts from tunneling will be detailed in the Basis of Design Report to be submitted by the end of 2021 about 9 months ahead of the Gantt Chart schedule.

Gantt Chart Item 16 – Christian Brook Main Drain

The City contracted with AECOM to perform this design on October 10, 2019. Representatives from NHDES have been attending all monthly progress meetings. Over the past one and a half years the 30%, 60%, and 75% designs were submitted. The 100% design is due August 20, 2021. The project is scheduled to be bid and awarded this fall about one year ahead of the Gantt Chart schedule.

Gantt Chart Item 18 - CSO Discharge and Notification program

The City collaborated with Flow Assessment Services, Inc. (FAS) to prepare a scope of work to perform CSO discharge and notification services. The City submitted the draft scope of work to EPA/DES on March 25, 2021. EPA responded with eight review comments/questions on June 14, 2021. The City responded to the eight review comments/questions on June 28, 2021. EPA approved the revised scope of work on July 15, 2021. The City expects to execute our contract with FAS in August 2021. The notification program is scheduled to be completed this fall about three months ahead of schedule.

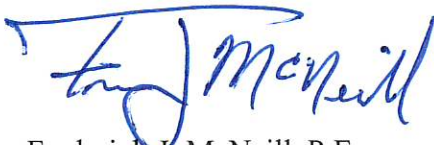
In addition under Gantt Chart Item 18, the City is implementing a CSO identification sign program as specified in the consent decree under item VI-Compliance Requirements, D-Nine Minimum Controls, Sub-item 15a, A bid package have been prepared, all sign easements have been obtained, and the City is scheduled to execute a contract in August for sign installation.

Consent Decree Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on the inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fin and imprisonment for knowing violation.

If you have any questions regarding the above compliance report, or require any additional information, please feel free to contact us at your convenience.

Thank you,



Frederick J. McNeill, P.E.
Chief Engineer